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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/777,575	02/12/2004	Joseph Stanley Czystczewski	BLD920030010US1	5992

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EXAMINER

PILLAI, NAMITHA

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2173

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication..

Office Action Summary	Application No. 10/777,575	Applicant(s) CZYSZCZEWSKI ET AL.	
	Examiner Namitha Pillai	Art Unit 2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>2/12/04</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: the disclosure in page 13 recites "What is claimed is:" which should be included in the beginning of page 14 with the first page of claims.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 5-11 and 15-20 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by U. S. Patent No. 6, 559, 979 B1 (Ryan).

Referring to claim 1, Ryan discloses a standalone multifunction device (column 1, lines 8-13). Ryan discloses a process, which represents the modifiable user interface module, where the multiple functions which are associated with a plurality of business applications requiring different associated interfaces are configured to adapt to the functionality required by the user (column 5, lines 17-28). Ryan discloses an input device incorporating a graphical user interface (column 5, line 65). Ryan discloses a process representing the source interface module configured to receive input data from

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at least one document data source (column 2, lines 48-51), the input data representing documents that are to be configured. Ryan discloses a process representing a target interface module configured to output processed document data (column 4, lines 4-8).

Referring to claim 5, Ryan discloses a user input module configured to allow a user to customize the input device (column 6, lines 12-17).

Referring to claim 6, Ryan discloses a scanning device configured to transmit document data to the source interface (column 2, lines 43-47).

Referring to claim 7, Ryan discloses a printing device configured to receive document data from the target interface (column 3, lines 38-47).

Referring to claim 8, Ryan discloses communications module configured to transmit and receive data over a plurality of data communication channels (column 3, lines 18-27), with data communication channels further including fax functions means and electronic mail transmission means.

Referring to claim 9, Ryan discloses that the communications module is configured to output processed document data as a facsimile (column 4, lines 1-4).

Referring to claim 10, Ryan discloses that the communications module is configured to output processed document data as an e-mail (column 4, lines 12-17).

Referring to claim 11, Ryan discloses that the communications module is configured to output processed document data to an external device (column 4, lines 8-12).

Referring to claim 15, Ryan discloses a computer network system comprising a

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server connected to a network and a standalone multifunction device connected to the network (column 3, lines 18-25). Ryan discloses an interface module within the multifunction device, the interface module responsible for configuring the user interface for carrying out the functions, the interface module configured to communicate with a plurality of multifunction devices over the network (column 5, lines 17-28), the multifunction devices including the facsimile machine and the multiple personal computers. Ryan discloses a facsimile module within the multifunction device (column 4, lines 1-4), the facsimile module configured to send facsimiles and an e-mail module within the multifunction device (column 4, lines 11-17), the e-mail module configured to send e-mails.

Referring to claim 16, Ryan discloses that the facsimile module comprises a facsimile apparatus configured to communicate with the server over a data communications network (column 3, lines 38-47).

Referring to claim 17, Ryan discloses that the e-mail module comprises an e-mail server configured to communicate with the server over a data communications network (column 4, lines 12-17).

Referring to claim 18, Ryan discloses a method for multifunction device document management (column 2, lines 43-51). Ryan discloses interfacing with a business application interface (column 5, lines 17-28), where the business application interface is displayed based on selection made by the user, receiving user information (column 4, lines 21-26). Ryan discloses inputting document data (column 4, lines 21-

22) and submitting document data to the business application (column 4, lines 11-17), where the document is sent to the business application.

Referring to claim 19, Ryan discloses a computer readable storage medium comprising computer readable code configured to carry out a process (column 3, lines 27-38). Ryan discloses for multifunction business document management (column 2, lines 43-51). Ryan discloses interfacing with a business application interface (column 5, lines 17-28), where the business application interface is displayed based on selection made by the user, receiving user information (column 4, lines 21-26). Ryan discloses inputting document data (column 4, lines 21-22) and submitting document data to the business application (column 4, lines 11-17), where the document is sent to the business application.

Referring to claim 20, Ryan discloses an apparatus for multifunction business document management (column 2, lines 43-51). Ray discloses interfacing with a business application interface, where the business application interface is displayed based on selection made by the user, receiving user information (column 5, lines 17-28 and column 4, lines 21-26). Ryan discloses inputting document data (column 4, lines 21-22) and submitting document data to the business application (column 4, lines 11-17), where the document is sent to the business application.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 2-4 and 13-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ryan and U. S. Patent No. 6, 938, 261 B2 (Camara et al.), herein referred to as Camara.

Referring to claim 2, Ryan does not disclose a scriptable script engine module. Camara discloses a scriptable script engine module configured to control the operation of the standalone multifunction device and interface with a business application (column 4, lines 31-50). It would have been obvious to one skilled in the art at the time of the invention to learn from Camara to disclose a scripting means for configuring to control the operation of the standalone multifunction device and interface with a business application. Camara has disclosed the efficiency of using a scripting means for controlling a device, where such a script is easier to manage and more efficient for implementation for controlling a hardware device (column 7, lines 22-32). The system of Ryan would benefit from using scripting means for controlling the multifunction device for ease of use and efficiency. One skilled in the art would have been motivated to learn from Camara to use a scripting means for configuring to control the operation of the standalone multifunction device and interface with a business application.

Referring to claim 3, Ryan discloses providing input and output fields to the user interface module (column 4, lines 1-17). Ryan does not disclose a plurality of application integration modules configured to interface with the script engine module. Camara discloses a plurality of application integration modules configured to interface with the script engine module (Figure 3 and column 4, lines 31-34). It would have been

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obvious to one skilled in the art at the time of the invention to learn from Camara to disclose a scripting means including a plurality of application integration modules interfacing with the script. Camara has disclosed the efficiency of using a scripting means for controlling a device, where such a script is easier to manage and more efficient for implementation for controlling a hardware device (column 7, lines 22-32). The system of Ryan would benefit from using scripting means for controlling the multifunction device for ease of use and efficiency. One skilled in the art would have been motivated to learn from Camara to use a scripting means including a plurality of application integration modules interfacing with the script.

Referring to claim 4, Ryan and Camara disclose that each of the application integration modules are further configured to interface with a specified business application (Camara, Figure 3), where the application integration modules are interfaced with the image processing application.

Referring to claim 13, Ryan discloses a system comprising a data communications network and a standalone multifunction device connected to the data communications network (column 3, lines 18-19). Ryan discloses a process, which represents the modifiable user interface module, where the multiple functions which are associated with a plurality of business applications requiring different associated interfaces are configured to adapt to the functionality required by the user (column 5, lines 17-28). Ryan discloses an input device incorporating a graphical user interface (column 5, line 65). Ryan discloses a user input module configured to allow a user to customize the input device (column 6, lines 12-17) and provide a user interface for

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applications (column 4, lines 1-17). Ryan does not disclose a scriptable script engine module. Camara discloses a scriptable script engine module configured to control the operation of the standalone multifunction device and interface with a business application (column 4, lines 31-50). Camara discloses a plurality of application integration modules configured to interface with the script engine module (Figure 3 and column 4, lines 31-34). It would have been obvious to one skilled in the art at the time of the invention to learn from Camara to disclose a scripting means including a plurality of application integration modules interfacing with the script. Camara has disclosed the efficiency of using a scripting means for controlling a device, where such a script is easier to manage and more efficient for implementation for controlling a hardware device (column 7, lines 22-32). The system of Ryan would benefit from using scripting means for controlling the multifunction device for ease of use and efficiency. One skilled in the art would have been motivated to learn from Camara to use a scripting means including a plurality of application integration modules interfacing with the script.

Referring to claim 14, Ryan discloses a facsimile apparatus configured to receive document data from the multifunction device and transmit the document data as a facsimile (column 4, lines 1-5), where the multifunction device send the document data to a facsimile apparatus when transmitted.

4. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ryan and U. S. Publication No. 2001/0042078 A1 (Anwar).

Referring to claim 12, Ryan does not disclose that the input device is a touch screen apparatus. Anwar discloses a document management system including an input

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device that is a touch screen apparatus (page 12, column 2, lines 7-10). It would have been obvious to one skilled in the art at the time of the invention to learn from Anwar to disclose that the input device is a touch screen apparatus. Ryan has disclosed various types of input devices and has further disclosed that any other types of input devices may be used in Ryan's system (column 6, lines 3-5). Therefore, it would have been obvious to one skilled in the art at the time of the invention to disclose that the input device is a touch screen apparatus.

Conclusion

5. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach the functions carried out by a multifunction device.

Responses to this action should be submitted as per the options cited below: The United States Patent and Trademark Office requires most patent related correspondence to be: a) faxed to the Central Fax number (571-273-8300) b) hand carried or delivered to the Customer Service Window (located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), c) mailed to the mailing address set forth in 37 CFR 1.1 (e.g., P.O. Box 1450, Alexandria, VA 22313-1450), or d) transmitted to the Office using the Office's Electronic Filing System.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Namitha Pillai whose telephone number is (571) 272-4054. The examiner can normally be reached on 8:30 AM - 5:30 PM.

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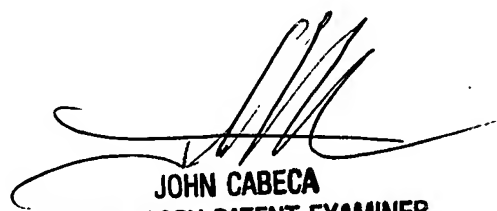
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (571) 272-4048.

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Art Unit 2173
May 2, 2007



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